

REMARKS

The above-noted amendments to the claims, as well as the submission of a revised specification and a new abstract, are respectfully submitted prior to the initiation of prosecution of this application in the United States Patent and Trademark Office. Claims 1 and 4 have been amended; claims 2, 3, 5 and 6 have been cancelled and claims 7-10 have been newly inserted. These claim amendments are respectfully submitted in order to more clearly and appropriately claim the subject matter which applicants consider to constitute their inventive contribution. No new matter is included in these amendments. In addition, the revisions to the Abstract and Specification are submitted in order to clarify and correct the Abstract and Specification and to conform them to all of the requirements of U.S. practice. No new matter is included in these amendments.

In view of the above, it is respectfully requested that these amendments now be entered, and that prosecution on the merits of this application now be initiated. If, however, for any reason the Examiner does not believe such action can be taken, it is respectfully requested that he/she telephone applicant's attorney at (908) 654-5000 in order to overcome any objections which he/she may have.


Application No.: 10/569,150

Docket No.: SONYJP 3.3-402

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge applicant's Deposit Account No. 12-1095 therefor.

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Respectfully submitted,

By 

Robert B. Cohen

Registration No.: 32,768  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP  
600 South Avenue West  
Westfield, New Jersey 07090  
(908) 654-5000  
Attorney for Applicant

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## ABSTRACT OF THE DISCLOSURE

~~It aims at achieving~~ An antenna achieves effective diversity reception in even a small sized wireless signal-receiving apparatus, improvement in the sensitivity of the antenna, and implementation of ~~the~~ a small size, ~~the~~ a lower power consumption, and ~~the~~ a low price of the antenna. The antenna 100 has antenna elements 10 and 11 that are positioned at a smaller distance apart than a half wavelength of ~~a~~ the frequency of a signal to be received, a first transmission line L1 and a transmission line L2 and a second transmission line having a delay circuit 14 with a predetermined electric length, and a changeover switch 13. ~~A~~ The difference of ~~a~~ an the electric length of a path that passes from ~~the~~ one antenna element 10 through one of the transmission lines ~~L1 or L2~~ toward a synthesizer 15 from ~~a~~ an the electric length of a path that passes from the other antenna element 11 through the other transmission line ~~L2 or L1~~ toward the synthesizer 15 is set so as to become  $(\lambda/2-\alpha)$  or  $(-\lambda/2+\alpha)$ . When receiving a signal, the changeover switch 13 changes based on a control signal, so that the directivity of the antenna 100 can vary.